Title (en)

Improved method for sweetening of liquefied petroleum gas

Title (de)

Verbesserte Arbeitsweise zum Entsäuern vom Flüssiggas (LPG)

Title (fr)

Méthode améliorée de désacidification de gaz de pétrole liquéfié

Publication

EP 0767156 B1 20000126 (EN)

Application

EP 96307268 A 19961004

Priority

US 53955495 A 19951005

Abstract (en)

[origin: EP0767156A1] A method and composition for treating liquefied petroleum gas containing acid gases such as H2S, CO2, and COS to sweeten such liquefied petroleum gas by removal of a substantial portion of such acid gases while minimizing losses of amines due to solubility in LPG and enhancing CO2 slip, said method comprising contacting said liquefied petroleum gas with an absorbent mixture comprising an aqueous solution of TEA and at least another amine preferably selected from the group consisting of MEA, DEA, MDEA, DIPA, and mixtures thereof.

IPC 1-7

C07C 7/11; C10G 21/20

IPC 8 full level

C10G 19/00 (2006.01); **C10G 21/20** (2006.01); **C10L 3/12** (2006.01)

CPC (source: EP US)

C10G 19/00 (2013.01 - EP US); **C10G 21/20** (2013.01 - EP US); **C10G 29/20** (2013.01 - EP US); **C10L 3/12** (2013.01 - EP US)

Cited by

CN104379703A; CN110877899A; WO0008117A1

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EP 0767156 A1 19970409; **EP 0767156 B1 20000126**; AT 189202 T 20000215; CA 2186806 A1 19970406; CA 2186806 C 20020910; DE 69606370 D1 20000302; DE 69606370 T2 20000706; ES 2142548 T3 20000416; HU 218462 B 20000928; HU 9602731 A2 19970528; HU 9602731 A3 19970929; HU 9602731 D0 19961128; NO 314139 B1 20030203; NO 964197 D0 19961003; NO 964197 L 19970407; US 5877386 A 19990302

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